

Appendix D

Annual Operating Costs

Service Parameters			ADDITIONAL SERVICE MODULES			
	DAILY	PHASE 1	Supplemental West Sedona Fixed-Route	Supplemental Cottonwood Peak Hours	Supplemental Cottonwood All-Day	Supplemental Canyon
		Minimal (VOC F/Rte + W.Sed. Flex)				
Fixed-Route	Pass/hr	15	20			
	Hours	10.4	10.4			
	Vehicles	3	2			
	Ave.Fare Revenue	\$0.75	\$0.75			
	Visitor Pass Revenue (1)					
Cottonwood Supplement	VSH	31.1	20.8			
	Pass/hr			10	10	
	Hours			4.5	11.5	
	Vehicles			3	1	
	Ave.Fare Revenue			\$1.90	\$1.90	
Flex Route	VSH			13.5	11.5	
	Pass/hr	5				
	Hours	10.4				
	Vehicles	1				
	Ave.Fare Revenue	\$1.25				
Canyon	VSH	10.4				
	Pass/hr					15
	Hours					10
	Vehicles					2
	Ave.Fare Revenue					\$0.75
Parking	Visitor Pass Revenue (1)					
	VSH					20
Variables	Uptown	\$.50/hr				
	intercept	no charge/local lots				
Variables	Cost/Service Hour	High Season Duration (Months)	Low Season Duration (Months)			
	\$50	7	5			

Calculations			ADDITIONAL SERVICE MODULES (1)			
		PHASE 1	West Sedona Fixed-Route	Cottonwood Peak	Cottonwood All-Day	Canyon
		Minimal				
Fixed-Route	Annual Hours	11,205	7,470			
	Annual Passengers	168,075	149,400			
	Operating Cost	\$560,250	\$373,500			
	Est. Revenues (2)	\$126,056	\$112,050			
	Cost/Passenger	\$3.33	\$2.50			
	Subsidy Required	\$434,194	\$261,450			
	Farebox Recovery	22.50%	30.00%			
Cottonwood Supplement	Annual Hours			3,240	2,760	
	Annual Passengers			32,400	27,600	
	Operating Cost			\$162,000	\$138,000	
	Est. Revenues			\$61,560	\$52,440	
	Cost/Passenger			\$5.00	\$5.00	
	Subsidy Required			\$100,440	\$85,560	
	Farebox Recovery			38.00%	38.00%	
Flex Route	Annual Hours	3,735				
	Annual Passengers	18,675				
	Operating Cost	\$186,750				
	Est. Revenues (2)	\$16,341				
	Cost/Passenger	\$10.00				
	Subsidy Required	\$170,409				
	Farebox Recovery	8.75%				
Canyon	Annual Hours					4,235
	Annual Passengers					63,525
	Operating Cost					\$211,750
	Est. Revenues					\$47,644
	Cost/Passenger					\$3.33
	Subsidy Required					\$164,106
	Farebox Recovery					22.50%

(1) Modules are additive to Phase 1 minimal service
(2) Assumes 30% of passengers on the deviated service transfer to/from the local Sedona Basic Route.

TOTAL			ADDITIONAL SERVICE MODULES (1)			
		PHASE 1	West Sedona Fixed-Route	Cottonwood Peak	Cottonwood All-Day	Canyon
		Minimal				
ALL Services	Annual Hours	14,940	7,470	3,240	2,760	4,235
	Annual Passengers	186,750	149,400	32,400	27,600	63,525
	Operating Cost	\$747,000	\$373,500	\$162,000	\$138,000	\$211,750
	Cost/Passenger	\$4.00	\$2.50	\$5.00	\$5.00	\$3.33
	Est. Fare Revenues	\$142,397	\$112,050	\$61,560	\$52,440	\$47,644
	Farebox Recovery	19.06%	30.00%	38.00%	38.00%	22.50%
	ADA Paratransit	\$37,500	\$26,000			\$10,000
	Total Cost Incl. ADA	\$784,500	\$399,500			\$221,750
	Subsidy Required	\$642,103	\$287,450	\$100,440	\$85,560	\$174,106
	Parking Revenues(2)	\$202,884				
	Subsidy Required after Parking	\$439,219	\$287,450	\$100,440	\$85,560	\$174,106

(1) modules are additive to Phase 1 Minimal service
(2) parking revenues assume net income from Uptown metered parking
Parking revenues would be \$133,000 higher if assume \$1/hour meter fee, resulting in subsidy of \$307,000

Service Parameters		PHASE 3	
	DAILY	Maximum	Self Supporting
Fixed-Route	Pass/hr	20	20
	Hours	11.5	11.5
	Vehicles	6	6
	Ave.Fare Revenue	0	0
	Visitor Pass Revenue (1)	\$3	\$3
	VSH	69	69
Cottonwood Supplement	Pass/hr	10	10
	Hours	11.5	11.5
	Vehicles	3	3
	Ave.Fare Revenue	\$1.90	1.9
	VSH	27.5	27.5
Flex Route	Pass/hr	7	7
	Hours	11.5	11.5
	Vehicles	2	2
	Ave.Fare Revenue	\$1.25	1.25
	VSH	23	23
Canyon	Pass/hr	15	15
	Hours	10.5	10.5
	Vehicles	3	3
	Ave.Fare Revenue	0	0
	Visitor Pass Revenue (1)	\$3	\$3
	VSH	31.5	31.5
Parking	Uptown	\$2/hr	\$4/hr
	intercept	\$10/car	\$20/car
Variables	Cost/Service Hour		
	\$50		

(1) In Phase 3 visitors not using intercept parking may buy \$3 day passes. (residents and intercept parkers ride free)

Calculations		PHASE 3	
		Maximum	Self Supporting
Fixed-Route	Annual Hours	24,840	24,840
	Annual Passengers	496,800	496,800
	Operating Cost	\$1,242,000	\$1,242,000
	Est. Revenues (2)	\$74,800	\$70,400
	Cost/Passenger	\$2.50	\$2.50
	Subsidy Required	\$1,167,200	\$1,171,600
	Farebox Recovery	6.02%	5.67%
Cottonwood Supplement	Annual Hours	6,600	6,600
	Annual Passengers	66,000	66,000
	Operating Cost	\$330,000	\$330,000
	Est. Revenues	\$125,400	\$125,400
	Cost/Passenger	\$5.00	\$5.00
	Subsidy Required	\$204,600	\$204,600
	Farebox Recovery	38.00%	38.00%
Flex Route	Annual Hours	8,280	8,280
	Annual Passengers	57,960	57,960
	Operating Cost	\$414,000	\$414,000
	Est. Revenues	\$50,715	\$50,715
	Cost/Passenger	\$7.14	\$7.14
	Subsidy Required	\$363,285	\$363,285
	Farebox Recovery	12.25%	12.25%
Canyon	Annual Hours	6,615	6,615
	Annual Passengers	99,225	99,225
	Operating Cost	\$330,750	\$330,750
	Est. Revenues	\$13,200	\$17,600
	Cost/Passenger	\$3.33	\$3.33
	Subsidy Required	\$317,550	\$313,150
	Farebox Recovery	3.99%	5.32%

In the Phase 3 - Maximum phase, visitors using \$3 day passes generate \$88,000, split 85%/15% between the fixed route and the Canyon
Flex route and Cottonwood supplement are paid services.

TOTAL		PHASE 3	
		Maximum	Self Supporting
ALL Services	Annual Hours	46,335	46,335
	Annual Passengers	719,985	719,985
	Operating Cost	\$2,316,750	\$2,316,750
	Cost/Passenger	\$3.22	\$3.22
	Est. Fare Revenues	\$264,115	\$264,115
	Farebox Recovery	11%	11%
	ADA Paratransit	\$73,500	\$73,500
	Total Cost Incl. ADA	\$2,390,250	\$2,390,250
	Subsidy Required	\$2,126,135	\$2,126,135
	Parking Revenues(1)	\$1,136,920	\$2,217,543
	Subsidy Required after Parking	\$989,215	\$0

(1) parking revenues assume net income from Uptown metered parking and intercept parking